1 2/15/2010 Memo to Keur Reilly

Maker wells Treatment Pland

packed tower aeration semmore VOC

of line 1989-90, elloringted solvent Treatment plant on-line 1993 No MCL exceedances since 1993 detects in 2/98, 3/99, 11/99, 5/08, 12/08, 6/10 No VOC treatment done in any other well 2/11/11 Mise Lung to Keen Leilly Mid 800 grad H, O contam coming of (05)
Through Chirport & Industrial Park from a foam blower using Fream + degressers from Fire Islaining Cloud. end, + gas + oil tank forms + a ted shirt screen printer (s) near Maker wells. contamination came in waves (1.5 ft/da CER 2009 Treatment of Makes Wells SWAP "416H" (3) commended by DEP" protecting ZONE II areas + I PCE 0.87 - NN ma/1

1/11/2011 Me Clelland to Lebent Spring Shiely Untreated row water 20 well through out thetape Oct 2009 collected tested 91 Emerging contaminanto 18 wells detected at least I contaminant 9 Pharms, I insect repellant, 2 PFOs * 84% of 92 not detected A · Septie Systems are likely primary source · Airport may be source of 2 PFÓ frem 2 wells + dist system Other studies and grad 40 downgradient of airports can be contaminated by PFO; found in fire fighting forms · Construction activities may also be a source of electamorganophoplate Shame retardants · Levidelines not exceeded; NOT enforced but provide a recommended level designed to protect human health.





FW: Citizen'sComplaint of BMA/Hyannis CWS Dayian, Therese (DEP) to: Kevin Reilly

"DeLorenzo, David (DEP)", "Hobill, Jonathan (DEP)", "Rondeau, Richard (DEP)"

02/15/2011 12:09

1 attachment



10-002-1084 Cape Cod SSA.pdf

MT8B Ruch

Hi Kevin,

You are correct that the Maher Treatment Plant, which treats the Maher Wells 1, 2 &3, uses packed tower aeration to remove VOCs. Below is some information that I had pulled together for a prior request from Silent Springs, via Nick Anastas. I'm sure it's more information than you might need, but figured you can always delete what you don't need.

From what I can view in our database, the Maher wells were taken off line in late 1989/early 1990 due to contamination by chlorinated solvents. There are number of test results showing contaminant detections. In order to get actual concentrations of each contaminant, you'd need to request the microfilm at the Boston office for the years 1989/1990 for Maher 1-3 (Location codes 10004, 10005 and 10006). Also, keep in mind that although they were sampling the wells, they were off-line and not going into the system at that point. There are footnotes in the comment fields indicating that the wells are off line.

In 1993, the treatment plant went on line and I was able to view all treatment plant test results since that time. There are no raw water samples results shown in WQTS for the individual wells, just finished water.

Treatment plant VOC results show the following detections in the finished water since 1993. All other finished water samples were ND.

MTBE - 0.9 ppb - collected on 2/13/98 MTBE - 4.0 ppb - " 3/10/99 MTBE - 2.9 ppb - " 11/2/99 MTBE - 0.64 ppb " 5/28/08 Dichlorodifluoromethane - 5.6 ppb - collected on 12/1/08 (ORSG = 1.4 ppm) MTBE - 0.71 ppb - collected on 6/7/10

The Hyannis Water System also has three other treatment plants (Mary Dunn Treatment Plant, Straightway Treatment Plant and Hyannisport Treatment Plant). None of these plants provide VOC removal, or have had violations for Maximum Contaminant Level exceedance. All treat for iron/manganese removal via sequestration, and corrosion control via a combination of sodium hydroxide and zinc orthophosphate.

To my knowledge, the system has not exceeded any Maximum Contaminant Levels for VOCs or any other contaminant, based on a review of our database.

With regard to the allegations in the attached complaint, I do know that our Bureau of Waste Site Cleanup is aware of, and previously directly oversaw the assessment and remediation of the airport site. There is no evidence to suggest that the contaminants referenced in the attachment have impacted the public water supplies from that site.

On l



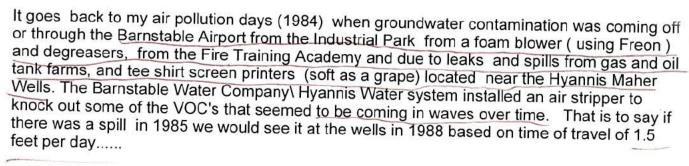
Re: A message from MQ michaelquink to: Kevin Reilly 02/11/2011 12:40 PM Show Details



Kevin.



In regards to Hyannis I am going to provide you with some comments that may or may not be helpful to you.



When the Town of Barnstable purchased the Hyannis Water System (then the Former Barnstable Water Company) from the private owner George Wadsworth much was made by some in the community if in fact the Town did due diligence because the price tag was 26 million and then they found out they needed another 50 million to fix it up to todays standardsHow could they spend so much money for a system that needs so much work.... . Wadsorth ran the system into the ground but was able to recover a ton of money as he owned a lot of land protecting the wells which he did sell off

Please know there are a lot of factions in the mix when you are dealing with issues at the Airport, Drinking Water and Wastewater . Some folks did not want the airport expansion.... Some folks complain about air traffic and noise and pollution from its operations. They have some issues there as well but they are working to make things better .

Recently there has been some buzz that Hyannis Water System should be shut down and the other water districts serving the community should be interconnected and reorganized such that one water supply system be set up and operated to provide water over the entire community rather than having individual systems such as Barnstable Fire District, COMM Fire District, Cotuit Water and Fire District, and the Hyannis system all being operated as separate systems. This is major sticking point to some. That is to say why does Barnstable need multiple fire departments, water departments and the expense of running those systems? What happens to this mix once you start adding wastewater issues into the mix.

You need to be careful in you dealings with Gary Lopez and others in his group so that they don't twist or take out of context any comments may make to them from a drinking water point

